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NOTICE OF ALLOWANCE AND FEE(S) DUE

50170 7590 09/02/2008

IBM CORP. (WIP)
c/o WALDER INTELLECTUAL PROPERTY LAW, P.C.
17330 PRESTON ROAD
SUITE 100B
DALLAS, TX 75252

EXAMINER: PARTHASARATHY, PRAMILA
ART UNIT: 2136
PAPER NUMBER:
DATE MAILED: 09/02/2008

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

10/670,825 09/25/2003 Maximino Aguilar JR. AUS920030704US1 7315

TITLE OF INVENTION: SYSTEM AND METHOD FOR ENCRYPTING DATA USING A PLURALITY OF PROCESSORS

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional NO \$1440 \$300 \$0 \$1740 12/02/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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Row 1: 10/670,825, 09/25/2003, Maximino Aguilar JR., AUS920030704US1, 7315

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IBM CORP. (WIP)
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EXAMINER

PARTHASARATHY, PRAMILA

ART UNIT PAPER NUMBER

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DATE MAILED: 09/02/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 829 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 829 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No. 10/670,825	Applicant(s) AGUILAR ET AL.	
Examiner PRAMILA PARTHASARATHY	Art Unit 2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to Terminal Disclaimer filed on 7/10/2008.
- 2. The allowed claim(s) is/are 1-9,11-19,21-27,29,31-40; Renumbered as 1-36.
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 7/25/2006
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Pramila Parthasarathy/
Primary Examiner, Art Unit 2136
August 11, 2008

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Terminal Disclaimer

The terminal disclaimer filed on 7/10/2008 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of Patent 6,981,072 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Response to Arguments

Applicant's amendments to Claims filed 07/10/2008 and Terminal Disclaimer in response to the previous office actions (remarks filed on 7/5/2007; 1/30/2008 and 7/10/2008) have been fully considered to be persuasive.

Allowable Subject Matter

Claims 1-9, 11-19, 21-27, 29 and 31 – 40 are allowed and renumbered as 1 – 36.

The following is an examiner's statement of reasons for allowance: The Admitted prior art Sibert U.S. Patent 7,124,170, discloses a secure processing unit that can perform both security functions and other information appliance functions using the same set of hardware resources. The secure processing unit includes an internal memory unit that includes a unique identifier for the secure processing unit, a private cryptographic key, a public cryptographic key, and a cryptographic certificate linking the unique identifier and the public cryptographic key. The processor security registers may contain access control data for restricting access to certain memory regions to predefined software components and/or processor modes.

However, the admitted prior art does not disclose, teach or suggest, "A method, in a multiprocessor system, the multiprocessor system comprising a control processor and a plurality of controlled processors, the method comprising: selecting at least one controlled processor of the plurality of controlled processor to operate in a shared operational state; selecting a second controlled processor from the plurality of controlled processor to operate in an isolated operational state; configuring the at least one first controlled processor of the multiprocessor

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system to be in the shared operational state, wherein the shared operational state causes the at least one first controlled processor to operate using a common memory accessible by the plurality of controlled processors in the multiprocessor system; configuring the second controlled processor of the multiprocessor system, via loading and executing initialization code in the second controlled processor, to be in the isolated operational state, wherein the isolated operational state causes a local memory associated with the second controlled processor to be not accessible by the at least one first controlled processor; executing first code within the second controlled processor in a secure manner by virtue of the isolated operational state; and executing second code within the at least one first controlled processor in an unsecured manner by virtue of the shared operational state.”

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRAMILA PARTHASARATHY whose telephone number is (571)272-3866. The examiner can normally be reached on 8:00a.m. to 5:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Nasser Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Pramila Parthasarathy/
Primary Examiner, Art Unit 2136
August 11, 2008